

What is claimed is:

1. An apparatus for manufacturing a semi-solid metallic slurry, the apparatus comprising:

at least one sleeve with two open ends, through one of which molten metal in liquid state is loaded into the sleeve;

a stirring unit which applies an electromagnetic field to the molten metal in the sleeve; and

a shutter unit which closes the other end of the sleeve to form a base of the sleeve and opens the base of the sleeve to discharge a slurry after manufacture from the sleeve.

2. The apparatus of claim 1, wherein the shutter unit is a stopper fixed to the other end of the sleeve.

3. The apparatus of claim 1, wherein the shutter unit is a plunger inserted into the other end of the sleeve and moved up and down.

4. The apparatus of claim 1, further comprising a pressing unit inserted into the one end of the sleeve to press the slurry in the sleeve down.

5. The apparatus of any one of claims 1 through 4, wherein the molten metal in the sleeve is cooled until the molten metal has a solid fraction of 0.1-0.7.

6. The apparatus of claim 5, further comprising a temperature control element to control the temperature of the molten metal during cooling.